

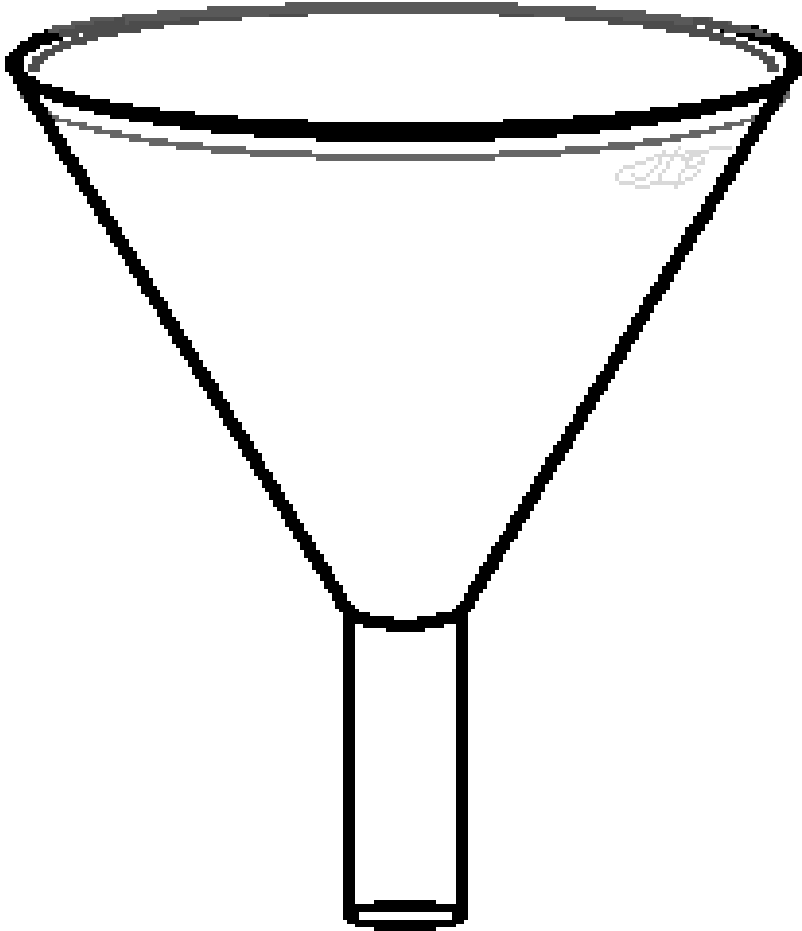


# Assessment and Diagnosis of Substance Use Disorders

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Palo Alto, CA

# Process Overview



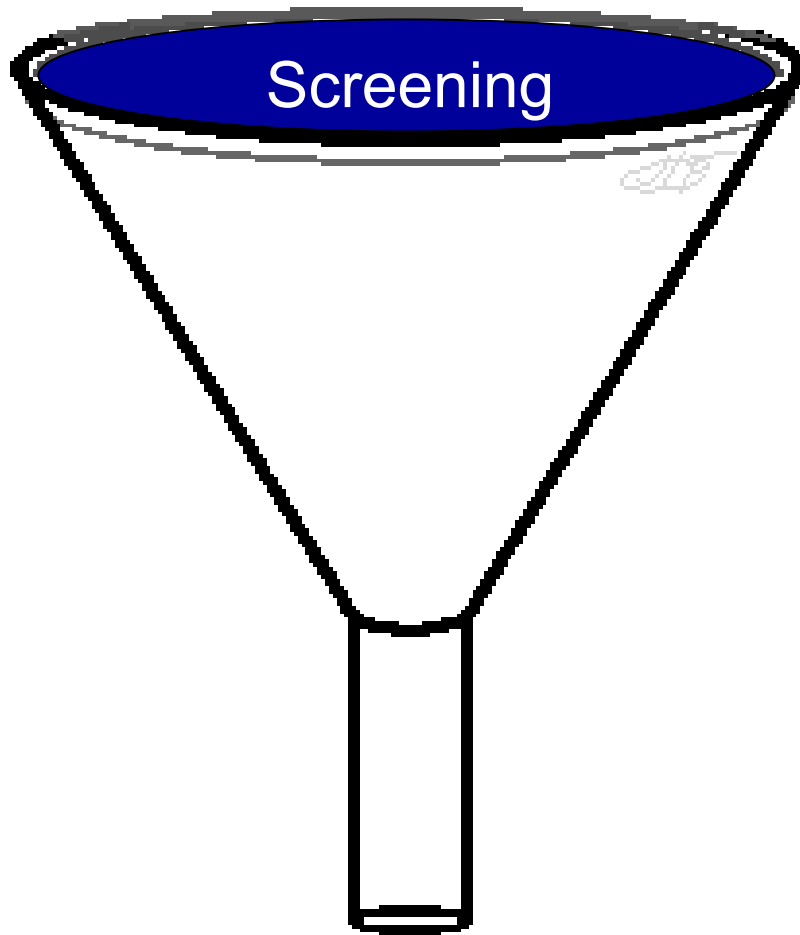
Increasing  
Resource  
utilization

Increasing depth  
of information

Fewer patients  
involved



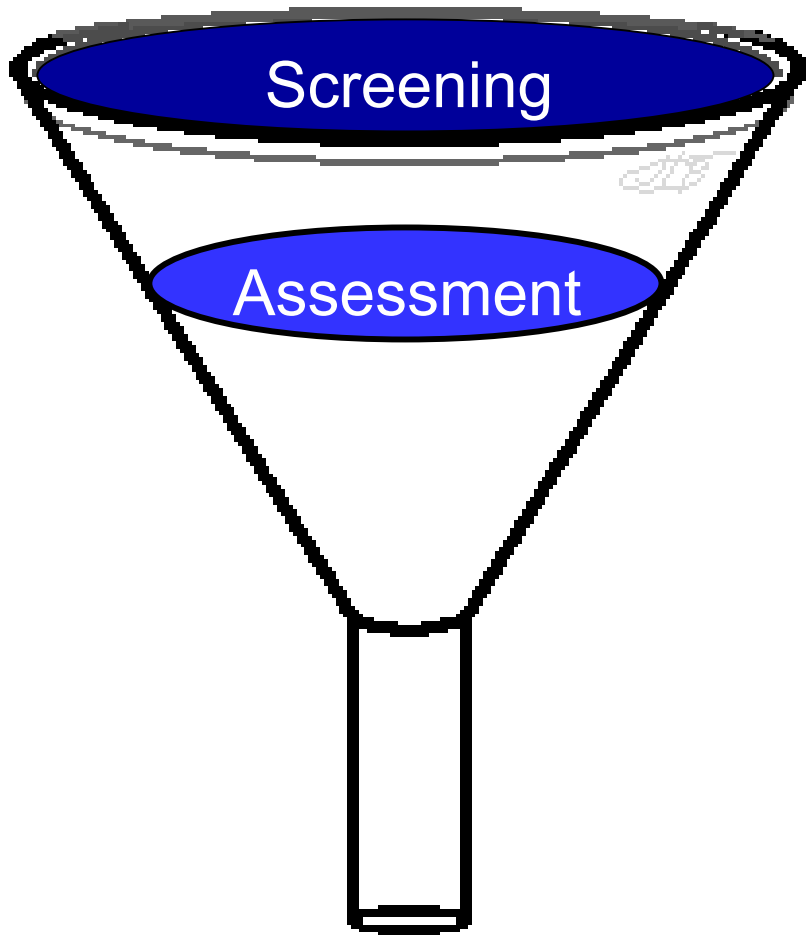
# Process Overview



Detection of potential problem



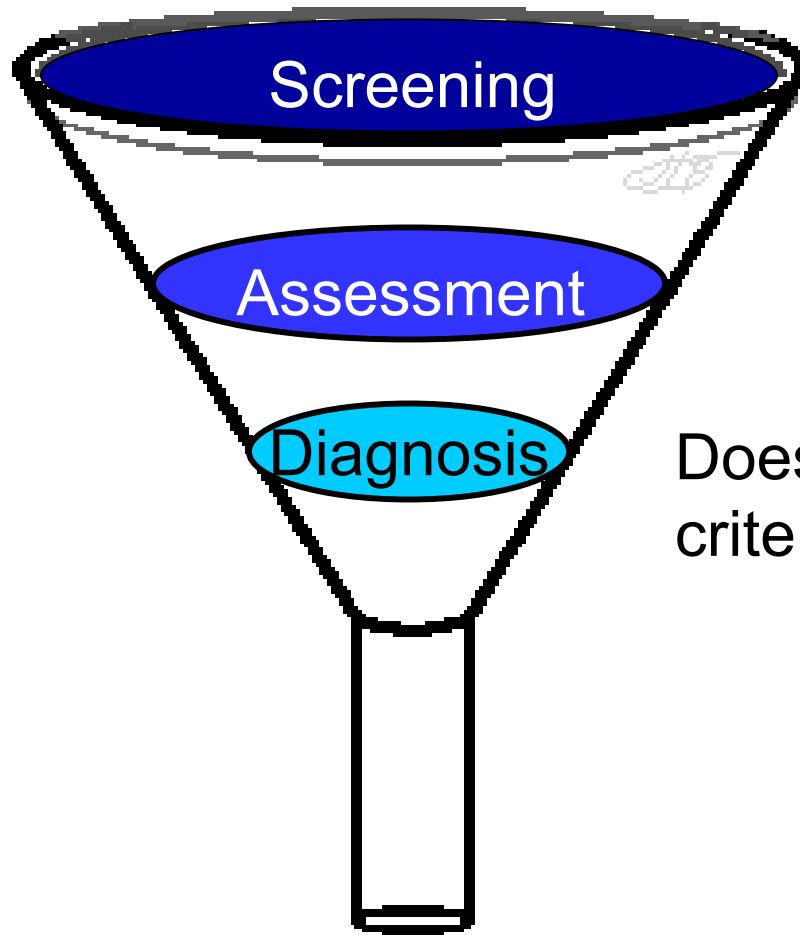
# Process Overview



Assess parameters of problem



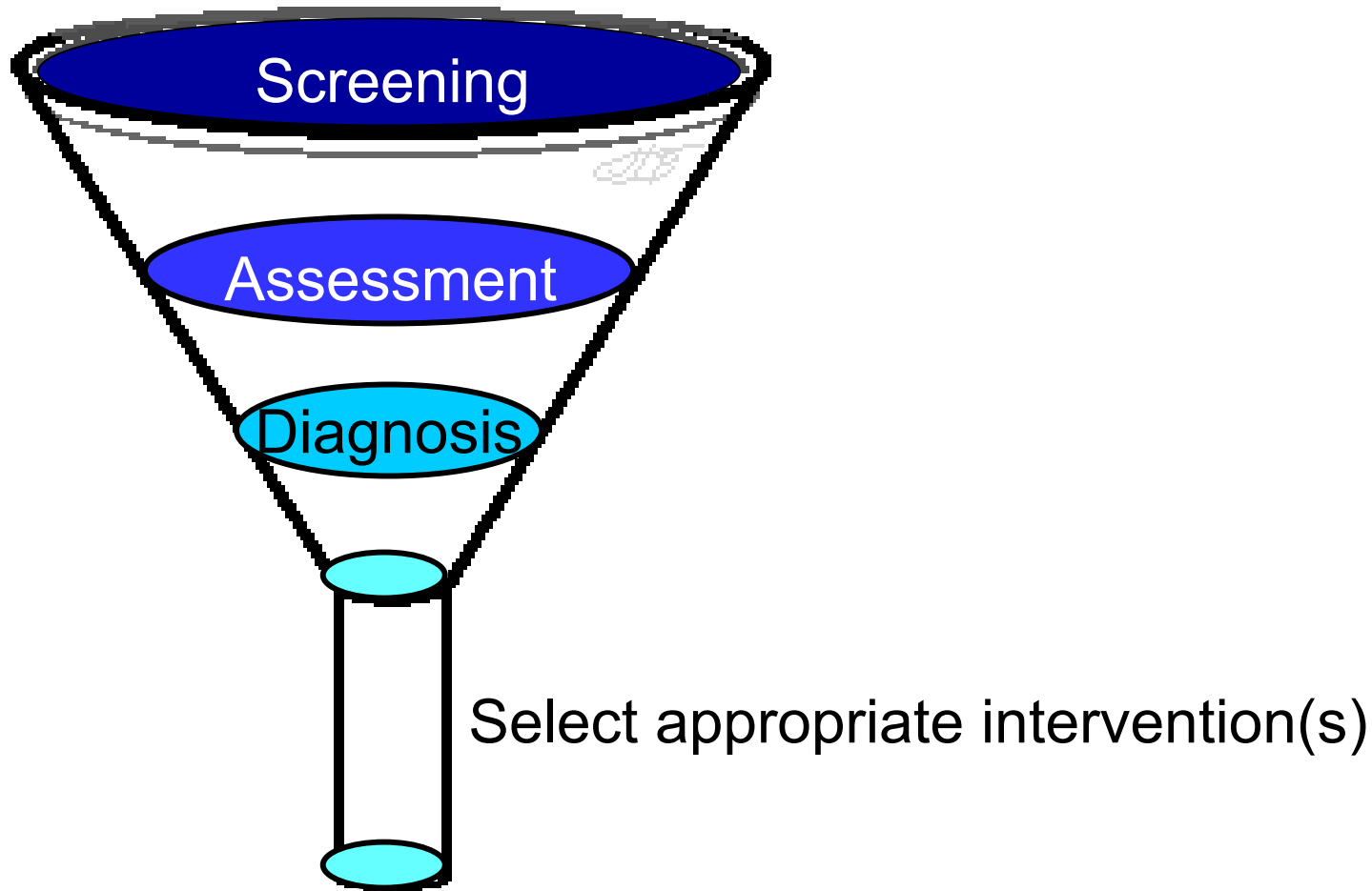
# Process Overview



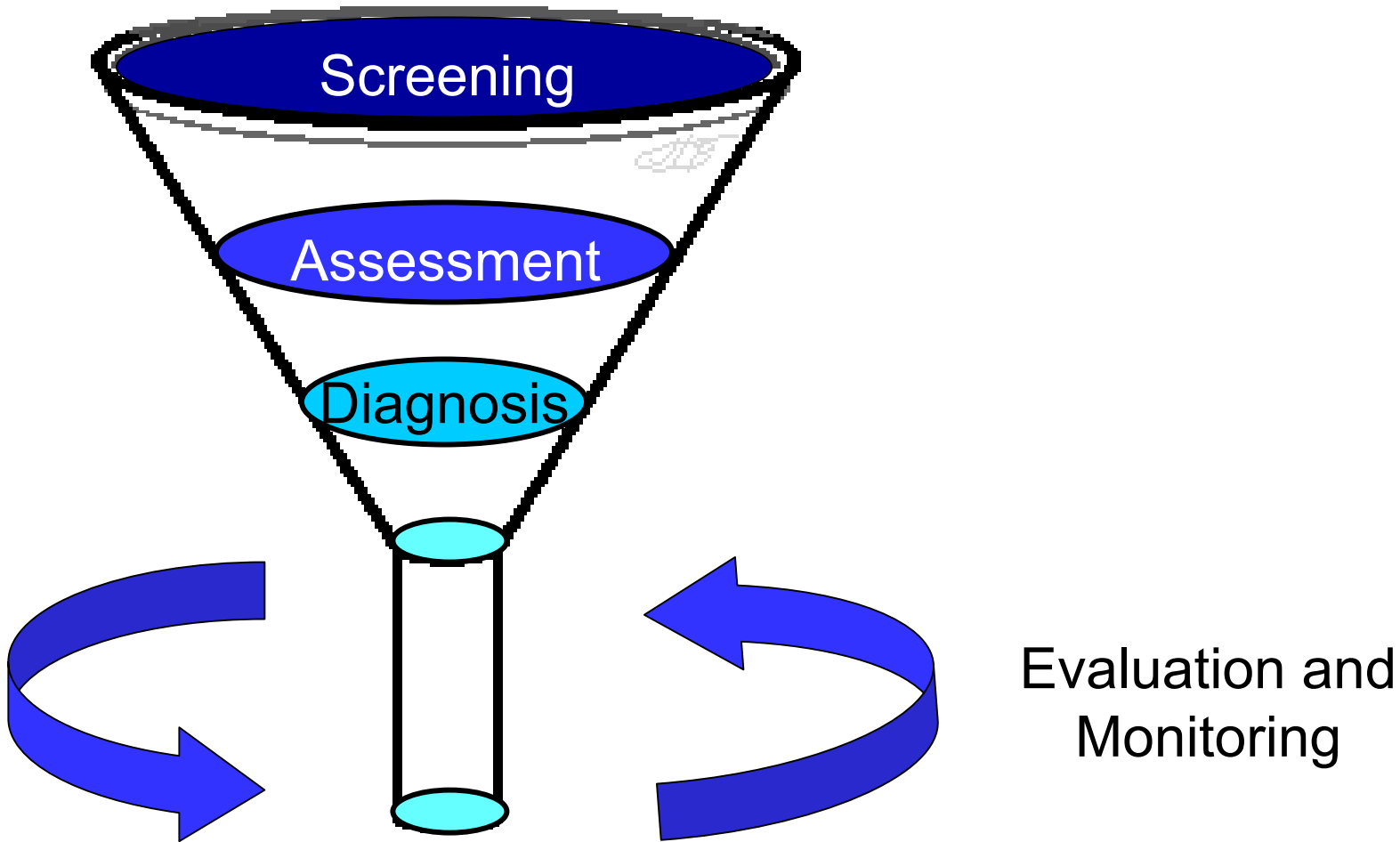
Does problem meet diagnostic criteria?



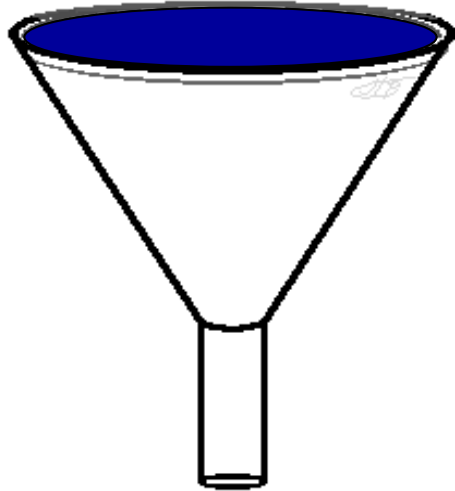
# Process Overview



# Process Overview



# Screening



Definition: “The skillful use of empirically based procedures for identifying individuals who have SUDs or who are at risk for developing them”.

Primary Goal: Detect individuals with SUDs

Modalities:

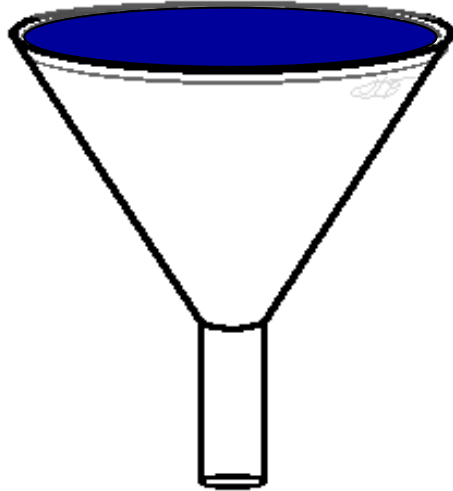
Biological markers (GGT, MCV)

Self-report measures





# Screening



**Result of Screening  
Measure**

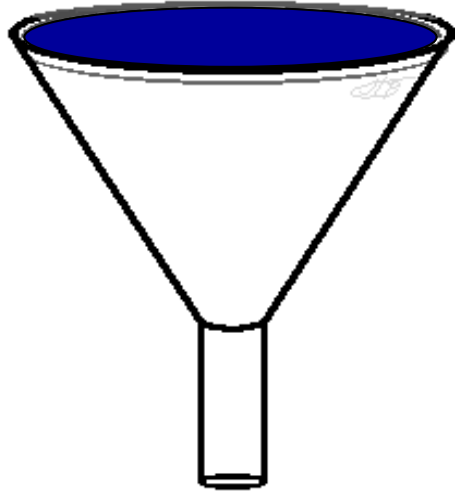
<b>SUD</b>	<b>Negative</b>	<b>Positive</b>
<b>Absent</b>	True Negative (a)	False Positive (b)
<b>Present</b>	False Negative (c)	True Positive (d)

Sensitivity: proportion of persons with SUD that are correctly (true positive) by the test ( $d/d+c$ ).

Specificity: proportion of persons without SUD Correctly identified as true negatives ( $a/a+b$ )



# Screening



## Guidelines for selecting screening measures

1. The goals of the screening
2. The time available for conducting the screening
3. The resources available for scoring the screening test and providing feedback/referral for positive Cases.

## Comparison among screening measures



CAGE



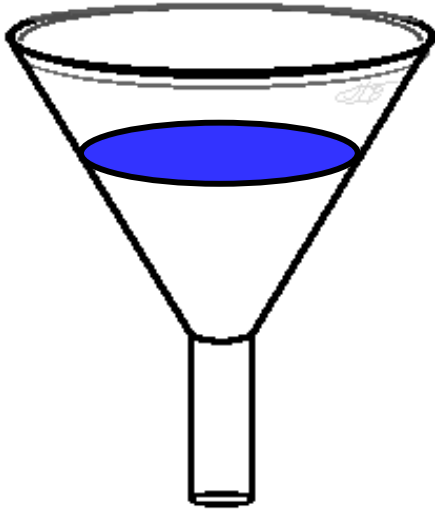
MAST



AUDIT



# Assessment

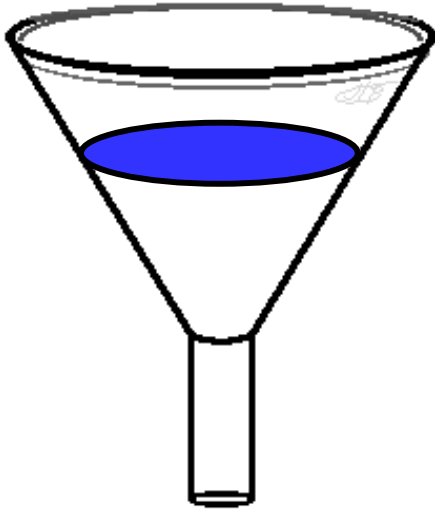


What are the parameters of the target problem?

1. Measures of consumption  
Quantity and frequency
2. Measures of consequences  
Areas of impact of SUD in other areas of life
3. Comprehensive measures
  - o Family/Social
  - o Psychiatric
  - o Medical
  - o Legal
  - o Employment



# Assessment



## 1. Quantity and frequency of consumption

Summary/aggregate measures of consumption:

Respondents summarize recent use patterns

*Number of days in the past 30 that you:*

Daily diary/daily drinking/daily use measures:

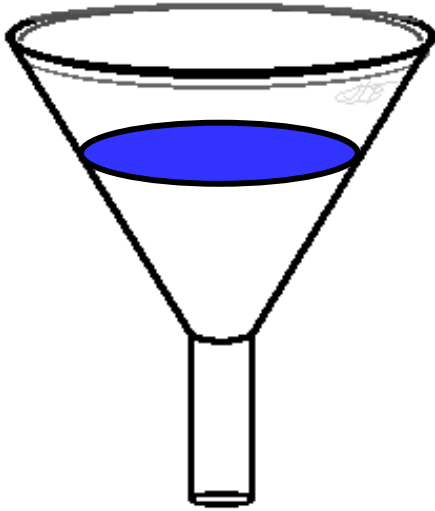
Respondents report all of their recent use/drinking

*Timeline Follow-back*

Primary versus Composite Measures



# Assessment



## 2. Measures of consequences

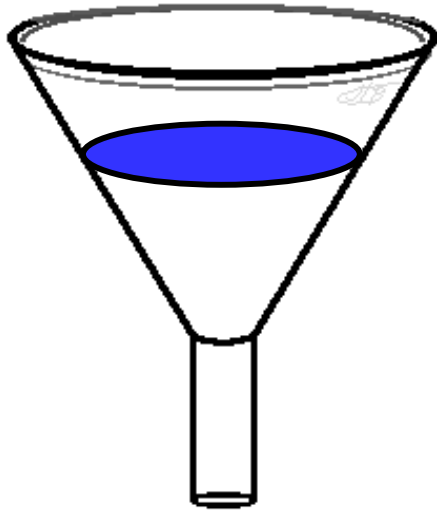
### Drinkers Inventory of Consequences (DrInC)

Measures adverse consequences of alcohol use:

- Interpersonal
- Physical
- Social
- Impulsive
- Intrapersonal



# Assessment



## 3. Comprehensive Measures

### Addiction Severity Index

Semi-structured interview designed to address seven Potential problem areas in substance abusing patients

- Medical status
- Employment & Support
- Drug use
- Alcohol use
- Legal status
- Family/social status
- Psychiatric status



TAKE THE TOUR ↓

WHAT IT IS↓

Self-report  
Interactive  
Audio/Video  
CD-Rom

CLICK FOR MORE ?

ASI-MV Screenshots - Microsoft Internet Explorer



Click on a number  
below to view a  
screenshot

[1](#) | [2](#) | [3](#) | [4](#) | [5](#)

[6](#) | [7](#) | [8](#) | [9](#) | [10](#)

[11](#) | [12](#) | [13](#)

**Addiction Severity Index  
Multimedia Version**

Innovative  
Training Systems

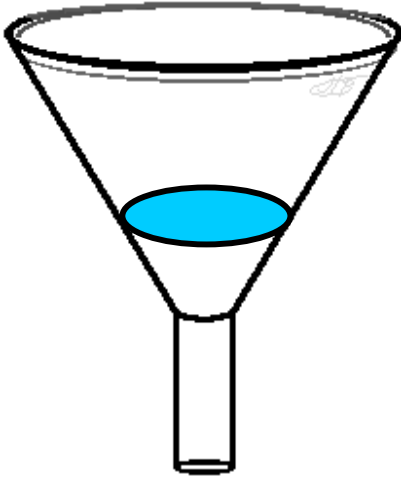
SECTION 1 - GENERAL HEALTH  
SECTION 2 - EMPLOYMENT  
SECTION 3 - SUBSTANCES  
SECTION 4 - LEGAL ISSUES  
SECTION 5 - RELATIONSHIPS  
SECTION 6 - EMOTIONS

YOUR PERSONALIZED SCREENING  
FOR BETTER SUBSTANCE ABUSE CARE

CLICK SCREEN TO START

"Get the ASI-MV® and all the uses you need via phone, fax or email"

# Diagnosis



Does problem meet diagnostic criteria?

## Substance Abuse

A maladaptive pattern of substance use leading to clinically significant impairment or distress, as manifested by one (or more) of the following occurring within a 12 month period:

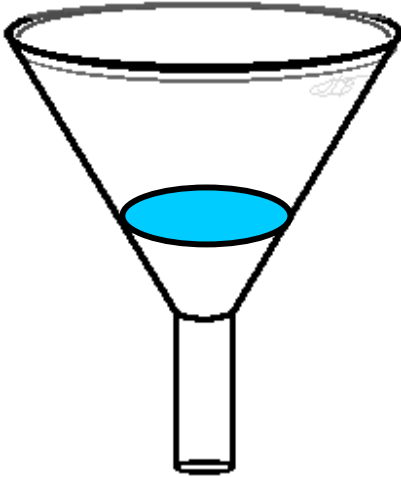
- Recurrent substance use resulting in a failure to fulfill major role obligations at work, school or home.
- Recurrent substance use in situation in which it is physically hazardous (e.g. DWI, operating machinery)
- Recurrent substance-related legal problems
- Continued substance use despite having persistent or recurrent social or interpersonal problems caused or exacerbated by the effects of the substance (e.g. arguments with spouse about consequences of intoxication, physical fights)

B. The symptoms have never met the criteria for Substance Dependence for this class of substance.





# Diagnosis



Does problem meet diagnostic criteria?

## Substance Dependence

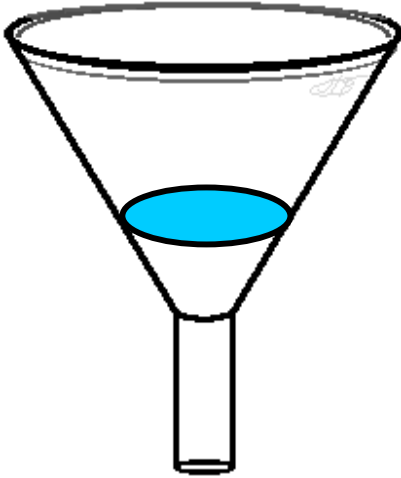
A maladaptive pattern of substance use, leading to clinically significant impairment or distress, as manifested by three (or more) of the following, occurring at any time during the same 12 month period.

- (1) **Tolerance**, as defined by either of the following
  - (a) A need for markedly increased amounts of the substance to achieve intoxication or desired effect
  - (b) Markedly diminished effect with continued use of the same amount of the substance
- (2) **Withdrawal**, as defined by either of the following:
  - (a) the characteristic withdrawal syndrome for the substance
  - (b) the same (or a closely related) substance is taken to relieve or avoid withdrawal symptoms.



# Diagnosis

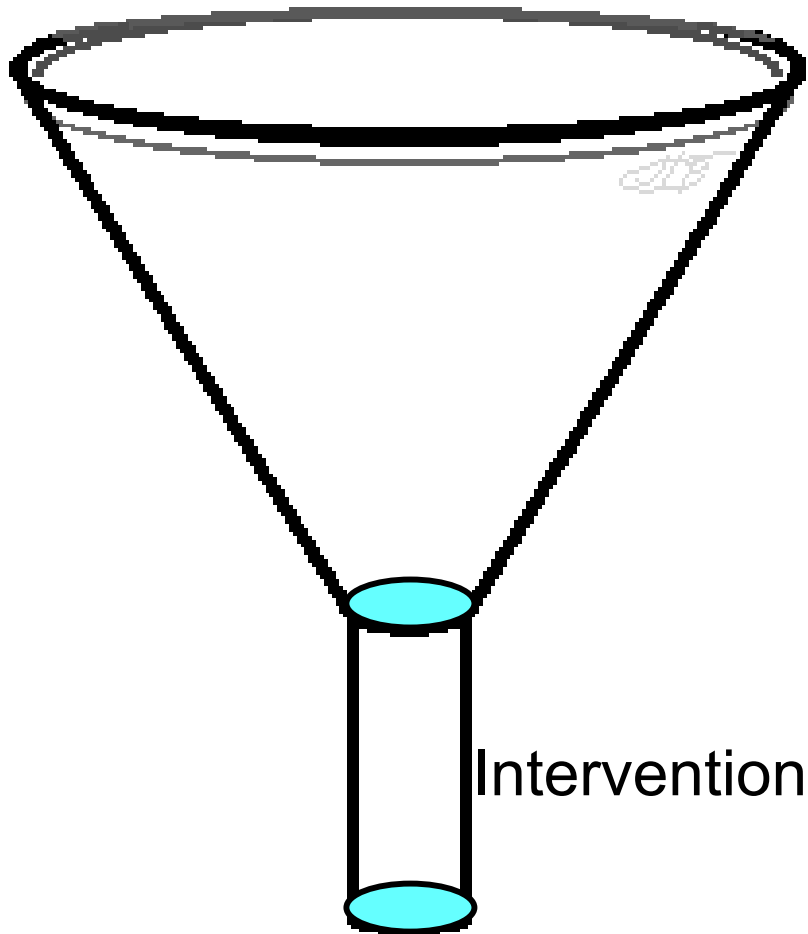
Does problem meet diagnostic criteria?



## Substance Dependence continued

- (3) The substance is taken in larger amounts or over a longer period than was intended
- (4) There is a persistent desire or unsuccessful efforts to cut down or control substance use
- (5) A great deal of time is spent in activities necessary to obtain the substance (e.g. visiting multiple doctors), use the substance & recover from its effects.
- (6) Important social, occupational or recreational activities are given up or reduced because of substance use
- (7) The substance use is continued despite knowledge of having a persistent or recurrent physical or psychological problem that is likely to have been caused or exacerbated by the substance.





- Brief intervention
- Appropriate referrals
- Specialty psychosocial treatment
- Pharmacotherapy
- Care management



And now for a word from our sponsor....  
[www.detoxguideline.org](http://www.detoxguideline.org)



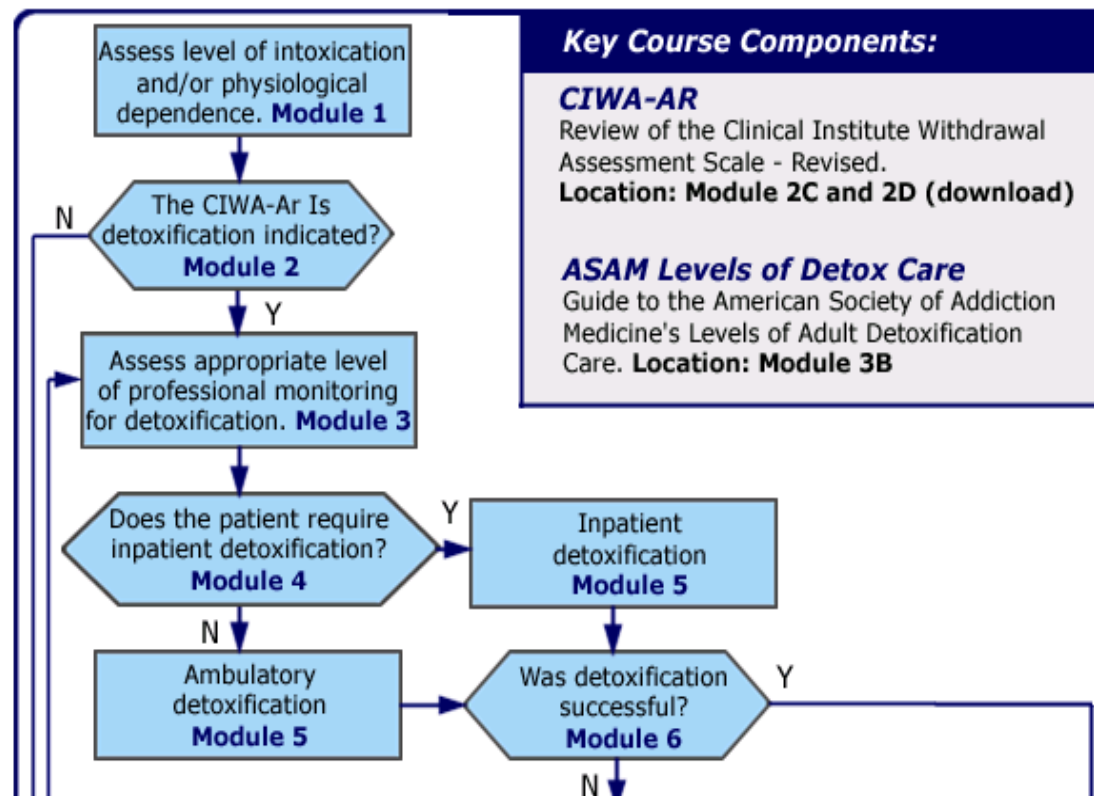
## VA/DoD Clinical Practice Guidelines



### Management of Alcohol Withdrawal

#### Course Map

The map below indicates your progress through the course. You may navigate to a module by clicking on its corresponding symbol. You may access the Course Map link located on the left navigation bar at any time during the course.



- Home
- Getting Started
- About
- Feedback
- Downloads
- Help
- Quick Reference
- Acknowledgements